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## NEW BOOKS.

**Plane Geometry.** By MABEL SYKES and CLARENCE E. COMSTOCK. Chicago, Rand, McNally and Company. Pp. xii + 322.

This book will prove interesting to all teachers who believe that geometry should train the pupils for original thinking. It discards the traditional formal proof to a great extent, giving instead analyses and methods of attack. Outline reviews placing emphasis on the use of propositions are also a good feature.

**Elements of Plane Trigonometry, with Brief Tables.** By ALFRED MONROE KENYON and LOUIS INGOLD. New York, The Macmillan Company. Pp. xxvii + 129.

This is an elementary text following out in simple form much the same idea that was used by the authors in their Plane and Spherical Trigonometry. It contains all that is necessary for a first course, and emphasizes the parts needed for practical use.

**Plane Geometry.** By MATILDA AUERBACH and CHARLES BURTON WALSH. Philadelphia, J. B. Lippincott Company. Pp. xvi + 383.

The unique feature of this text is its two part arrangement, the first part being a complete view of plane geometry treated in a manner to emphasize general interest and application, while the second part stresses college preparation.

The amount of material is great, with the advantage of richness, but the probable disadvantage of seeming like a large amount to the pupil. This disadvantage is somewhat emphasized by the arrangement, which gives the impression that the publishers have been too saving of paper.

There is much of excellence in the book, but there is also an occasional point that is open to criticism for looseness. The reviews might be mentioned for their interesting form.

**First Book in Algebra.** By FLETCHER DURELL and E. E. ARNOLD. New York, Charles E. Merrill Company. Pp. xxxiii + 325.

The subject matter of this book concerns itself less with complications, and more with equations, problems and graphs. It divides each chapter for a first and second reading, so that a simple first course can be followed by a more complete and theoretical second course.

Analysis of problems is emphasized throughout.

**Plane Trigonometry.** By JOHN WESLEY YOUNG and FRANK MILLETT MORGAN. New York, The Macmillan Company. Pp. vii + 122.

The trigonometrical part of "Elementary Mathematical Analysis" by the same authors has been revised and published in this form.